

09/817748

Search results

for pages #14

**WEST****Freeform Search****Database:**

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:**

(nonobese near diabetic near3 mice or NOD near3  
 mice) near10 (art near recognized or predictive)

**Display:**

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result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L6</u>	(nonobese near diabetic near3 mice or NOD near3 mice) near10 (art near recognized or predictive)	3	<u>L6</u>
<u>L5</u>	(nonobese near diabetic near3 mice or NOD near3 mice)	679	<u>L5</u>
<u>L4</u>	I1 and (immunomodulatory or IL near 4) and coxsackie\$ near5 vector\$	0	<u>L4</u>
<u>L3</u>	I1 and Th1 and Th2	8	<u>L3</u>
<u>L2</u>	(IDDM or insulin near dependent near diabetes near mellitus) near20 coxsackie\$	15	<u>L2</u>
<u>L1</u>	(IDDM or insulin near dependent near diabetes near mellitus) and coxsackie\$	62	<u>L1</u>

END OF SEARCH HISTORY

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**Search Results - Record(s) 1 through 15 of 15 returned.**☐ 1. Document ID: US 20020142974 A1

L2: Entry 1 of 15

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020142974  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020142974 A1

TITLE: IMMUNE ACTIVATION BY DOUBLE-STRANDED POLYNUCLEOTIDES

PUBLICATION-DATE: October 3, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
KOHN, LEONARD D.	BETHESDA	MD	US	
SUZUKI, KOICHI	NORTH BETHESDA	MD	US	
MORI, ATSUMI	BETHESDA	MD	US	
IISHI, KEN	ROCKVILLE	MD	US	
KLINMAN, DENNIS M.	POTOMAC	MD	US	
RICE, JOHN M.	WEST CHESTER	OH	US	

US-CL-CURRENT: 514/44; 424/93.21, 435/325, 435/375, 435/455

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw	Desc	Image									

☐ 2. Document ID: US 20020018987 A1

L2: Entry 2 of 15

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020018987  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020018987 A1

TITLE: Novel diagnostic screens type 1 diabetes (IDDM)

PUBLICATION-DATE: February 14, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Corkey, Barbara E.	Boston	MA	US	
Husni, Nicholas R.	Boston	MA	US	

US-CL-CURRENT: 435/4; 435/40.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw	Desc	Image									

☐ 3. Document ID: US 6455267 B1

L2: Entry 3 of 15

File: USPT

Sep 24, 2002

US-PAT-NO: 6455267

DOCUMENT-IDENTIFIER: US 6455267 B1

TITLE: Methods and kits useful for determining the status of and detecting pancreatic B-cell associated autoimmune diseases

DATE-ISSUED: September 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tobin; Allan J.	Los Angeles	CA		
Erlander; Mark G.	Tarzana	CA		
Kaufman; Daniel L.	Santa Monica	CA		

US-CL-CURRENT: 435/7.24; 435/7.4, 435/975, 436/506, 530/326

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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☐ 4. Document ID: US 6420139 B1

L2: Entry 4 of 15

File: USPT

Jul 16, 2002

US-PAT-NO: 6420139

DOCUMENT-IDENTIFIER: US 6420139 B1

TITLE: Method and composition for an early vaccine to protect against both common infectious diseases and chronic immune mediated disorders or their sequelae

DATE-ISSUED: July 16, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Classen; John Barthelow	Baltimore	MD	21212	

US-CL-CURRENT: 435/69.3; 424/184.1, 424/201.1, 424/202.1, 424/203.1, 424/212.1, 424/217.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

☐ 5. Document ID: US 6300055 B1

L2: Entry 5 of 15

File: USPT

Oct 9, 2001

US-PAT-NO: 6300055

DOCUMENT-IDENTIFIER: US 6300055 B1

TITLE: Diagnostic screens for type 1 diabetes (IDDM)

DATE-ISSUED: October 9, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Corkey; Barbara E.	Boston	MA		
Husni; Nicholas R.	Boston	MA		

US-CL-CURRENT: 435/4; 435/975

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 6194561 B1

L2: Entry 6 of 15

File: USPT

Feb 27, 2001

US-PAT-NO: 6194561

DOCUMENT-IDENTIFIER: US 6194561 B1

TITLE: Characterization and detection of sequences associated with autoimmune diseases

DATE-ISSUED: February 27, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Erlich; Henry A.	Oakland	CA		
Horn; Glenn T.	Emeryville	CA		

US-CL-CURRENT: 536/24.31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 6011139 A

L2: Entry 7 of 15

File: USPT

Jan 4, 2000

US-PAT-NO: 6011139

DOCUMENT-IDENTIFIER: US 6011139 A

TITLE: Hybridomas and monoclonal antibodies that specifically bind to glutamic acid decarboxylase peptides

DATE-ISSUED: January 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tobin; Allan J.	Los Angeles	CA		
Erlander; Mark G.	Tarzana	CA		
Kaufman; Daniel L.	Santa Monica	CA		

US-CL-CURRENT: 530/388.26; 424/139.1, 424/146.1, 424/94.4, 435/331, 435/338, 435/69.6, 435/70.21, 530/300, 530/326, 530/387.9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 8. Document ID: US 5998366 A

L2: Entry 8 of 15

File: USPT

Dec 7, 1999

US-PAT-NO: 5998366

DOCUMENT-IDENTIFIER: US 5998366 A

TITLE: Method for ameliorating glutamic acid decarboxylase associated autoimmune disorders

DATE-ISSUED: December 7, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tobin; Allan J.	Los Angeles	CA		
Erlander; Mark G.	Tarzana	CA		
Kaufman; Daniel L.	Santa Monica	CA		

US-CL-CURRENT: 514/12; 424/94.1, 424/94.5, 435/183, 435/232, 514/14, 514/15, 514/16, 514/17, 530/327, 530/328, 530/329, 530/330

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWWC

☐ 9. Document ID: US 5846740 A

L2: Entry 9 of 15

File: USPT

Dec 8, 1998

US-PAT-NO: 5846740

DOCUMENT-IDENTIFIER: US 5846740 A

TITLE: Methods and kits useful for detecting autoantibody to glutamic acid decarboxylase

DATE-ISSUED: December 8, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tobin; Allan J.	Los Angeles	CA		
Erlander; Mark G.	Tarzana	CA		
Kaufman; Daniel L.	Santa Monica	CA		

US-CL-CURRENT: 435/7.4; 435/7.92, 435/975, 530/300, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWWC

☐ 10. Document ID: US 5705626 A

L2: Entry 10 of 15

File: USPT

Jan 6, 1998

US-PAT-NO: 5705626

DOCUMENT-IDENTIFIER: US 5705626 A

TITLE: Cloned glutamic acid decarboxylase nucleic acids

DATE-ISSUED: January 6, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tobin; Allan J.	Los Angeles	CA		
Erlander; Mark G.	Tarzana	CA		
Kaufman; Daniel L.	Santa Monica	CA		

US-CL-CURRENT: 536/23.5; 435/232, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC

☐ 11. Document ID: US 5674978 A

L2: Entry 11 of 15

File: USPT

Oct 7, 1997

US-PAT-NO: 5674978

DOCUMENT-IDENTIFIER: US 5674978 A

TITLE: Peptides derived from glutamic acid decarboxylase

DATE-ISSUED: October 7, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tobin; Allan J.	Los Angeles	CA		
Erlander; Mark G.	Tarzana	CA		
Kaufman; Daniel L.	Santa Monica	CA		
Clare-Salzler; Michael J.	Gainesville	FL		

US-CL-CURRENT: 530/326; 435/232, 530/327, 530/328, 530/329, 530/330

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 12. Document ID: US 5665548 A

L2: Entry 12 of 15

File: USPT

Sep 9, 1997

US-PAT-NO: 5665548

DOCUMENT-IDENTIFIER: US 5665548 A

TITLE: Characterization and detection of sequences associated with autoimmune diseases

DATE-ISSUED: September 9, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Erlich; Henry A.	Oakland	CA		
Horn; Glenn T.	Emeryville	CA		

US-CL-CURRENT: 435/6; 435/91.2, 536/23.1, 536/24.3, 536/24.33

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 13. Document ID: US 5475086 A

L2: Entry 13 of 15

File: USPT

Dec 12, 1995

US-PAT-NO: 5475086

DOCUMENT-IDENTIFIER: US 5475086 A

TITLE: Cloned glutamic acid decarboxylase peptides

DATE-ISSUED: December 12, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tobin; Allan J.	Los Angeles	CA		
Erlander; Mark G.	Tarzana	CA		
Kaufman; Daniel L.	Santa Monica	CA		
Clare-Salzler; Michael J.	Los Angeles	CA		

US-CL-CURRENT: 530/325; 435/232, 530/326, 530/327, 530/328, 530/329

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

☐ 14. Document ID: EP 977835 A1 WO 9849279 A1 AU 9873532 A

L2: Entry 14 of 15

File: DWPI

Feb 9, 2000

DERWENT-ACC-NO: 1999-009418

DERWENT-WEEK: 200012

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TITLE: Purifying glutamic acid dehydrogenase from cells - using zwitterionic detergent/surfactant, giving product useful e.g. for treating cancer and diabetes

INVENTOR: ROBERTSON, J

PRIORITY-DATA: 1998SE-0000735 (March 6, 1998), 1997SE-0001564 (April 25, 1997), 1998SE-0000256 (January 29, 1998)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 977835 A1	February 9, 2000	E	000	C12N009/88
WO 9849279 A1	November 5, 1998	E	037	C12N009/88
AU 9873532 A	November 24, 1998		000	C12N009/88

INT-CL (IPC): C12 N 9/88

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

☐ 15. Document ID: DE 4337906 A1 US 5554611 A EP 655242 A1 JP 07252147 A

L2: Entry 15 of 15

File: DWPI

May 11, 1995

DERWENT-ACC-NO: 1995-180033

DERWENT-WEEK: 199642

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TITLE: Combating elevated nitric oxide levels - by admin. of 4-substd. coumarin deriv., e.g. for treating hypotension, septic shock or ulcerative colitis.

INVENTOR: KLEMM, P; OSTROWSKI, J ; SCHOENAFINGER, K ; SCHONAFINGER, K

PRIORITY-DATA: 1993DE-4337906 (November 8, 1993)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 4337906 A1	May 11, 1995		021	A61K031/37
US 5554611 A	September 10, 1996		019	A61K031/54
EP 655242 A1	May 31, 1995	G	000	A61K031/37
JP 07252147 A	October 3, 1995		014	A61K031/37

INT-CL (IPC): A61 K 31/37; A61 K 31/445; A61 K 31/495; A61 K 31/535; A61 K 31/54;  
C07 D 311/08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWC

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## Terms

## Documents

(IDDM or insulin near dependent near diabetes near mellitus) near20  
coxsackie\$

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>>>      135 is unauthorized
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Set Items Description

? s (IDDM or insulin (n) dependent (n) diabetes (n) mellitus) and coxsackie?

Processed 10 of 35 files ...

Processing

Processed 30 of 35 files ...

Completed processing all files

45855 IDDM

1280598 INSULIN

4410064 DEPENDENT

1040095 DIABETES

765572 MELLITUS

226732 INSULIN(N)DEPENDENT(N)DIABETES(N)MELLITUS

26347 COXSACKIE?

S1 1199 (IDDM OR INSULIN (N) DEPENDENT (N) DIABETES (N) MELLITUS)  
AND COXSACKIE?

? s s1 and Th1 and Th2

1199 S1

79390 TH1

75939 TH2

S2 24 S1 AND TH1 AND TH2

? s (IDDM or insulin (n) dependent (n) diabetes (n) mellitus) (10n) coxsackie?

Processing

Processed 10 of 35 files ...

Completed processing all files

45855 IDDM

1280598 INSULIN

4410064 DEPENDENT

1040095 DIABETES

765572 MELLITUS

226732 INSULIN(N)DEPENDENT(N)DIABETES(N)MELLITUS

26347 COXSACKIE?

S3 530 (IDDM OR INSULIN (N) DEPENDENT (N) DIABETES (N) MELLITUS)  
(10N) COXSACKIE?

? s s3 and (immunomodulatory or IL (n) 4)

Processing

Processed 10 of 35 files ...

Completed processing all files

530 S3

39699 IMMUNOMODULATORY

1099547 IL

14337366 4

119448 IL(N)4

S4 1 S3 AND (IMMUNOMODULATORY OR IL (N) 4)

? d s4/9/1

Display 4/9/1 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2002 Inst for Sci Info. All rts. reserv.

09442415 Genuine Article#: 404RW Number of References: 29

Title: Regulatory and effector CD4 T cells in nonobese diabetic mice  
recognize overlapping determinants on glutamic acid decarboxylase and  
use distinct V beta genes

Author(s): Quinn A; McInerney B; Reich EP; Kim O; Jensen KP; Sercarz EE  
(REPRINT)

Corporate Source: La Jolla Inst Allergy & Immunol, Div Immune Regulat, 10355  
Sci Ctr Dr/San Diego//CA/92121 (REPRINT); La Jolla Inst Allergy &  
Immunol, Div Immune Regulat, San Diego//CA/92121; Anergen, Redwood  
City//CA/94063; Univ Calif Los Angeles, Dept Microbiol Mol Genet &  
Immunol, Los Angeles//CA/90095

Journal: JOURNAL OF IMMUNOLOGY, 2001, V166, N5 (MAR 1), P2982-2991

ISSN: 0022-1767 Publication date: 20010301

Publisher: AMER ASSOC IMMUNOLOGISTS, 9650 ROCKVILLE PIKE, BETHESDA, MD

20814 USA

Language: English Document Type: ARTICLE

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Display 4/9/1 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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Geographic Location: USA

Journal Subject Category: IMMUNOLOGY

Abstract: The 524-543 region of glutamic acid decarboxylase (GAD65), GAD65(523-543), is one of the first fragments of this islet Ag to induce proliferative T cell responses in the nonobese diabetic (NOD) mouse model of spontaneous autoimmune diabetes. Furthermore, NOD mice given tolerogenic doses of GAD65(524-543) are protected from spontaneous and cyclophosphamide-induced diabetes. In this study, we report that there are at least two I-A(g7)-restricted determinants present in the GAD65(524-543) sequence, each capable of recruiting unique T cell repertoires characterized by distinct TCR VP gene use. CD4(+) T cells arise spontaneously in young NOD mice to an apparently dominant determinant found within the GAD65 peptide 530-543 (p530); however, T cells to the overlapping determinant 524-538 (p524) dominate the response only after immunization with GAD65(524-543). All p530-responsive T cells used the V beta4 gene, whereas the V beta 12 gene is preferentially used to encode the TCR of p524-responsive T cell

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DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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populations, T cell clones and hybridomas from both of these T cell groups were responsive to APC pulsed with GAD65(524-543) or a hole rGAD65. p524-reactive cells appeared to be regulatory upon adoptive transfer into young NOD mice and could inhibit insulin-dependent diabetes mellitus development, although they were unable to produce **IL-4**, **IL-10**, or TGF beta upon antigenic challenge.

Furthermore, we found that i.p. injection with p524/IFA was very effective in providing protection from cyclophosphamide-induced insulin-dependent diabetes mellitus. These data demonstrate that the regulatory T cells elicited by immunizing with GAD65(524-543) are unique and distinct from those that arise from spontaneous endogenous priming, and that T cells to this limited region of GAD65 may be either regulatory or pathogenic.

Identifiers--KeyWord Plus(R): ONSET **IDDM** PATIENTS; NOD MICE;

**COXSACKIE**-VIRUS; B-LYMPHOCYTES; TOLERANCE; PEPTIDE; INDUCTION;

RESPONSES; EPITOPES; ANTIGEN

Cited References:

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Display 4/9/1 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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BENICHO G, 1994, V6, P131, INT IMMUNOL  
CETKOVICCVRLJE M, 1997, V46, P1975, DIABETES  
CHANG YC, 1988, V8, P2123, J NEUROSCI  
CHAO CC, 1997, V46, P29, IMMUNOGENETICS  
CHEN Y, 1994, V265, P1237, SCIENCE  
ENDL J, 1997, V99, P2405, J CLIN INVEST  
FALCONE M, 1998, V161, P1163, J IMMUNOL  
GROUX H, 1997, V389, P737, NATURE  
HARRISON LC, 1997, V185, P1013, J EXP MED

HASKINS K, 1996, V45, P1299, DIABETES  
 HORWITZ MS, 1998, V4, P781, NAT MED  
 JUDKOWSKI V, 2001, V166, P908, J IMMUNOL  
 JUN HS, 1999, V189, P347, J EXP MED  
 KAUFMAN DL, 1993, V366, P69, NATURE  
 KUMAR V, 1998, V161, P6585, J IMMUNOL  
 MAVERAKIS E, 2000, V191, P695, J EXP MED  
 NOORCHASHM H, 1999, V163, P743, J IMMUNOL

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Ref	Items	Index-term
E1	5	AU=TRACY, STEVE
E2	1	AU=TRACY, STEVE STEVE TRACY
E3	31	*AU=TRACY, STEVEN
E4	1	AU=TRACY, STEVEN CARL
E5	2	AU=TRACY, STEVEN M
E6	14	AU=TRACY, STEVEN M.
E7	2	AU=TRACY, STEVEN MCCRARY
E8	1	AU=TRACY, STEVEN P.
E9	1	AU=TRACY, STEVEN R.
E10	1	AU=TRACY, SUSAN F.
E11	1	AU=TRACY, SUSAN JEAN
E12	1	AU=TRACY, SUSAN M.

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E3	20	AU=TRACY STEVEN M
E4	2	AU=TRACY SW
E5	591	AU=TRACY T
E6	2	AU=TRACY T A
E7	4	AU=TRACY T C
E8	11	AU=TRACY T E
E9	124	AU=TRACY T F
E10	57	AU=TRACY T F JR
E11	1	AU=TRACY T H
E12	3	AU=TRACY T J

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Ref	Items	Index-term
E1	34	AU=TRACY S L
E2	58	*AU=TRACY S M
E3	3	AU=TRACY S W
E4	64	AU=TRACY S.
E5	4	AU=TRACY S.E.
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E7	8	AU=TRACY S.L.
E8	14	AU=TRACY S.M.
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E10	1	AU=TRACY SA
E11	6	AU=TRACY SALLY
E12	2	AU=TRACY SALLY K

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